

# Kansas Environmental Conference

August 22 – 24, 2006

## Session Descriptions

### Tuesday, August 22, 2006

**Vendor setup in the Sunflower Ballroom from 3:00 – 7:00.**

<b>2:00 – 5:00</b>	<p><b>Basic Environmental Regulatory Training Plenary Session – Shawnee Ballroom</b></p> <p>This plenary session will include a presentation on each of the following subjects: Storage Tanks; Hazardous Waste; Air, and Water. A training manual will be provided.</p> <p><b>2:00 – 2:30 Storage Tanks</b>, <i>Michael Pomes, BER</i> <b>2:30 – 3:15 Hazardous Waste</b>, <i>Rebecca Wenner, BWM</i> <b>3:15 – 3:30 Break</b> <b>3:30 – 4:15 Air and Sara Title III</b>, <i>David Peter, Mindy Bowman, Scott Bangert, BAR</i> <b>4:15 – 5:00 Water</b>, <i>Don Carlson, BOW</i></p>
<b>5:15 – 6:00</b>	<p><b>Training Concurrent Sessions</b></p> <p>At the conclusion of the basic environmental regulatory training plenary, four concurrent sessions will be offered to provide more detailed information. The following topics will be offered:</p> <p><b>CERCLA/Superfund and General Q&amp;A Session</b>, <i>Randy Brown, BER</i> <b>Question and Answer Session for Water Related Issues</b>, <i>Don Carlson, BOW</i> <b>How to Conduct a Hazardous Waste Determination</b>, <i>Jim Rudeen, BWM</i> <b>How to Calculate your Potential to Emit (PTE) and General Q&amp;A</b>, <i>David Peter and Mindy Bowman, BAR</i></p>
<b>Wednesday, August 23, 2006</b>	
<b>7:30 – 8:30</b>	<p><b>Registration – Conference Foyer</b> <b>Continental Breakfast – Sunflower Ballroom</b></p>
<b>8:30 – 9:45</b>	<p><b>Welcome and Keynote Address – Shawnee Ballroom</b></p> <p>The keynote address will be presented by Al Schmidt. Mr. Schmidt will present on Humor in the Workplace. This presentation promotes a corporate culture of humor and laughter and will show how physiological and psychological health accompany humor. He will demonstrate that some of the best companies put an emphasis on productivity, learning, and fun that enhances wellness and grows “the corporate bottom line.” Al Schmidt is licensed in Kansas in Clinical Social Work and also Marriage and Family Therapy. He is a consultant for ACCESS, Via Christi’s Employee Assistance Program.</p> <p><i>Al Schmidt, THE HUMORWORKS</i></p>
<b>9:45 – 10:00</b>	<p><b>Break – Sunflower Ballroom</b></p>

<p><b>10:00 – 12:00</b></p>	<p><b>Bureau Updates – Shawnee Ballroom</b>  KDHE’s Bureau Directors (Air and Radiation, Waste Management, Water, Environmental Remediation and Environmental Field Services) will provide program updates and an update of new, pending or proposed environmental regulations. This is your opportunity to be current on new or changing requirements and programs from the Division of Environment.  <i>John Mitchell, Environmental Field Services                      Karl Mueldener, Water</i>  <i>Gary Blackburn, Environmental Remediation                      Bill Bider, Waste Management</i>  <i>Clark Duffy, Air and Radiation</i></p>
<p><b>12:00 – 1:15</b></p>	<p><b>P2 Awards Luncheon – Sunflower Ballroom</b>  The annual P2 awards will be presented during the luncheon.  <i>KDHE Deputy Secretary Doug Farmer</i></p>
<p><b>1:20 – 2:20</b></p>	<p><b><u>Concurrent Sessions</u></b></p> <p><b>P2 Case Studies – River Room</b>  2005 P2 award recipient Edwards County Conservation District will present information on their 24/7 recycling program.  <i>Stacy Neilson, Edwards County Conservation District</i></p> <p>2005 P2 award recipient Wolf Creek will share information on their waste minimization and recycling programs, such as how they evaluated their waste streams and techniques used to reduce both the volume and toxicity of wastes generated.  <i>Don Eccles, Wolf Creek Nuclear Operating Corporation</i>  <i>Daniel Williamson, Wolf Creek Nuclear Operating Corporation</i></p> <p><b>ASTM Phase I Environmental Site Assessments and All Appropriate Inquiry– Bison Room</b>  Learn about the recent EPA final rule on standards and practices of all appropriate inquiry (AAI) and the resulting ASTM revision of the standard practice for a Phase I environmental site assessment (ESA). Knowing the AAI and Phase I ESA process will help existing and potential landowners determine if, when, and how they may be affected.  <i>Pam Chaffee, KDHE Bureau of Environmental Remediation</i></p> <p><b>Stormwater Permits – Industrial – Pioneer Room</b>  Applicability, authorization and coverage under the Kansas General Permit for Stormwater Runoff associated with industrial activity. Who is regulated by the permit and what are the requirements for permit compliance?  <i>Eric Staab, KDHE Bureau of Water</i></p> <p><b>Hazardous Waste Handler’s Training for Kansas Generators - Part 1 Shawnee A Room</b>  This is Part 1 of a two-part training for Kansas Generators. K.A.R. 28-31-4(h) requires Kansas Generators ensure their employees are “thoroughly familiar with proper hazardous waste handling and emergency procedures.” Have your employees attend this training to fulfill this requirement! <b>Certificates will be provided to those who attend both Part 1 and Part 2.</b>  <i>Nancy Larson, KSU Pollution Prevention Institute</i>  <i>Deborah Travis, KDHE South Central District Office</i></p>

	<p><b><u>Concurrent Sessions</u></b></p> <p><b>P2 Case Studies – River Room</b>  2005 P2 award recipient Excel Industries will discuss its conversion from liquid paint to powder coating and the pollution prevention benefits. Air, waste, and water all had a decrease in emissions.  <i>Rachel Overheul, Excel Industries</i></p> <p>This session will cover 2005 P2 award recipient Philips’ Ecovision internal targets for environmental impact reduction, and will provide some information on specific projects to reduce energy usage and reduce pollution in their fluorescent lighting manufacturing facility.  <i>Scott Sherraden, Philips Lighting</i></p> <p><b>Nuisance Wildlife Control – Bison Room</b>  This informative session will provide information on the environmental and socioeconomic problems associated with zebra mussel, historical distribution and invasive migration, tracking and mitigation in Kansas, and ultimately cover the four primary reasons to care about aquatic exotics.  <i>Tony Stahl, KDHE Bureau of Environmental Field Services</i></p> <p><b>2:30 – 3:30</b> Learn about techniques to prevent and control damage caused by nuisance wildlife, such as deer, rodents, and birds.  <i>Charlie Lee, KSU Department of Animal Science</i></p> <p><b>BAR Public Education and Outreach Progress – Pioneer Room</b>  A panel discussion on new and innovative outreach programs in the Kansas City area designed to educate and involve the public, government and industry in solving the KC ozone problem.  <i>Tom Gross, KDHE Bureau of Air and Radiation</i>  <i>Jennifer Logan, Johnson County Environmental Department</i>  <i>Justus Welker, Unified Government of Wyandotte County/Kansas City, Kansas</i>  <i>Joan Steurer, Mid America Regional Council</i></p> <p><b>Hazardous Waste Handler’s Training for Kansas Generators – Part 2 Shawnee A Room</b>  This is Part 2 of a two-part training for Kansas Generators. K.A.R. 28-31-4(h) requires Kansas Generators ensure their employees are “thoroughly familiar with proper hazardous waste handling and emergency procedures.” Have your employees attend this training to fulfill this requirement! <b>Certificates will be provided to those who attend both Part 1 and Part 2.</b>  <i>Nancy Larson, KSU Pollution Prevention Institute</i>  <i>Deborah Travis, KDHE South Central District Office</i></p>
<b>3:30 – 3:50</b>	<b>Break in Sunflower Ballroom</b>

	<p><b><u>Concurrent Sessions</u></b></p> <p><b>Sediment in Kansas – River Room</b>  Erosion is a natural process that results in transport of sediment from the land surface in watersheds to streams. The State of Kansas has developed a strategy to increase the level of knowledge and understanding about the sources, movement and management of sediment to improve the effectiveness of programs and practices for reducing the adverse impacts of sediment on lakes and stream systems. Presentations will be made on the State of Kansas sediment strategy and examples of the status of knowledge of sediment and sediment sources.  <i>Chris Gnau, Kansas Water Office</i>  <i>Kyle Juracek, U.S. Geological Survey</i>  <i>Kyle Mankin, Kansas State University</i></p> <p><b>Stormwater Permits – Construction – Bison Room</b>  This session will provide a summary of best management practices that can be utilized on a construction site to control erosion and sediment discharges.  <i>Joe Mester, KDHE Bureau of Water</i></p> <p><b>Hot &amp; Skinny on Resources for Compliance and P2 – Pioneer Room</b>  Where can you turn for help in understanding environmental regulations? This session will guide you through several new and existing KDHE technical guidance documents, as well as other resources and national on-line trainings to keep you up to speed on environmental compliance and P2.  <i>Laura Splichal, CDM</i>  <i>Troy Williams, Bombardier</i>  <i>Joe Wright, Grandview Products</i>  <i>Barb Johnson and Nancy Larson, KSU Pollution Prevention Institute</i></p> <p><b>Air Permit Program Update – Shawnee A</b>  This session will cover proposed regulation changes for construction permitting, New Source Review Reform, Title V Permit Revisions, Title V Deviation Reporting, Title V Renewals, Compliance Assurance Monitoring, and other upcoming issues in the air permitting program.  <i>Mindy Bowman, KDHE Bureau of Air and Radiation</i>  <i>David Peter, KDHE Bureau of Air and Radiation</i></p>
<b>3:50 – 4:50</b>	
<b>5:00 – 6:00</b>	<b>Reception with vendors in the Sunflower Ballroom</b>
<b>Thursday, August 24, 2006</b>	
<b>7:00 – 8:00</b>	<b>Breakfast Buffet in Sunflower Ballroom</b>
<b>8:00 – 9:15</b>	<p><b>Plenary Session in Shawnee Ballroom</b>  <i>Dr. Howard Rodenberg</i>, Director, Division of Health and <i>Dr. Ron Hammerschmidt</i>, Director, Division of Environment will provide an overview of the Kansas environment and how the environment can affect your health.</p>

	<p><b><u>Concurrent Sessions</u></b></p> <p><b>How Businesses Can Contribute to Healthy Communities – River Room</b>  Building and site design can help improve the health of employees. Site-specific design can also help improve water quality, increase recreational opportunities in the community, and reduce stormwater runoff. The connection between health and the built environment will be discussed.  <i>Robert Campbell, George Butler Associates</i>  <i>Amy Dietz, George Butler Associates</i>  <i>Dennis Haag, Tetra Tech EMI</i></p> <p><b>Municipal Wastewater Discharges – How Are We Doing? – Bison Room</b>  An overview of municipal wastewater treatment in Kansas including a comparison per person pollution load generated at various municipalities.  <i>Mike Tate, KDHE Bureau of Water</i></p> <p><b>Beyond Tomorrow in the Air Program – Pioneer Room</b>  Hear about the pressing energy issues related to oil and natural gas production, including new technologies and regulations that could allow us to more efficiently conserve and maximize our nation’s oil and natural gas supplies while also allowing us to maintain our environmental values.  <i>Ed Cross, Kansas Independent Oil and Gas Association</i></p> <p>How to keep abreast of changing regulations and work with regulatory agencies to develop comprehensive programs that protect the environment and support industry.  <i>Mike Riedel, Panhandle Eastern Pipeline Company</i></p> <p>Sunflower Electric Corporation will present information related to its plans for future generation facilities. Coal-based generation is an essential element in providing reliable and affordable electric energy. Renewable resources and resource integration can be a part of an overall power supply plan.  <i>Wayne Penrod, Sunflower Electric Corporation</i></p> <p><b>SPCC – Shawnee A Room</b>  Overview of the Spill Prevention Control and Countermeasure Plan (SPCC) requirements and information on proposed revisions to 40 CFR Part 112.  <i>Ward Burns, US EPA Region 7</i></p>
<p><b>9:30 – 10:30</b></p>	<p><b>10:30 – 10:50</b></p>
	<p><b>Break – Sunflower Ballroom</b></p>

<p><b>10:50 – 11:50</b></p>	<p><b><u>Concurrent Sessions</u></b></p> <p><b>Rehab the Kansas Lab Case Studies – River Room</b>  Science laboratories often store unused hazardous chemicals on shelves and in cabinets for decades. K-State Pollution Prevention Institute (PPI) has received a grant from the Environmental Protection Agency (EPA) to assist Kansas college science labs (mainly community colleges) with identification, reduction, and elimination of mercury, PBT (persistent, bioaccumulative, and toxic), and high-risk chemicals. This presentation summarizes the Rehab the Lab program and provides quantified results of the amount of mercury, PBT, and high-risk chemicals identified for disposal in Kansas colleges.  <i>Barbara Johnson, KSU Pollution Prevention Institute</i></p> <p><b>Naturally Occurring Radioactive Material – Bison Room</b>  Naturally occurring radioactive material (NORM) can concentrate due to man's activities such as oil and gas operations, mining, water treatment, etc. The material, when technologically enhanced (TE), can present potential health and safety hazards if not handled and disposed of properly. TENORM issues and occurrences in Kansas will be discussed.  <i>Dave Whitfill, KDHE Bureau of Air and Radiation</i>  <i>Stewart Steen, KDHE Bureau of Air and Radiation</i></p> <p><b>Remediation Success Stories – Pioneer Room</b>  Vapor intrusion is relatively new to the environmental field and has been rapidly developing over the past several years. This presentation explains the complexities of the process and the difficulty identifying vapor intrusion at remediation sites, as well as how KDHE has progressed during the past couple of years and why KDHE considers its vapor intrusion program successful.  <i>Bill Morris, KDHE Bureau of Environmental Remediation</i></p> <p><b>Preparing for and Surviving Inspections – Shawnee A Room</b>  Learn what to expect when an inspector shows up at your facility. This session will describe the inspection process and provide helpful tips on how to be prepared for an inspection to make the process go smoothly.  <i>Rick Brunetti, KDHE North Central District Office</i></p>
<p><b>12:00 – 1:00</b></p>	<p><b>Lunch in Sunflower Ballroom</b></p>
<p><b>1:00 – 2:00</b></p>	<p><b><u>Concurrent Sessions</u></b></p> <p><b>Resource Conservation Challenge – River Room</b>  The Resource Conservation Challenge (RCC) is a national effort to conserve natural resources and energy by managing materials more efficiently. Organizations who participate in this program conserve energy and preserve natural resources by committing to reduce more waste, reuse and recycle more products, buy more recycled and recyclable products, and reduce toxic chemicals in waste. Learn how your organization can become an RCC partner.  <i>Chet McLaughlin, EPA Region 7</i></p> <p><b>Alternative Energy – Bison Room</b>  Critics of ethanol and other alternative fuels often cite the use of fossil fuels in the manufacturing process. Landfill gas provides an alternative to natural gas in producing fuels such as ethanol. The ethanol production facility owned by Abengoa Bioenergy</p>



	<p>Corporation in Colwich, Kansas utilizes landfill gas from the nearby Brooks Landfill in northern Sedgwick County to help operate the plant's boiler.  <i>Dan DeBoer, Abengoa Energy Corporation</i></p> <p>National Beef's plant in Liberal, KS installed covers on four anaerobic lagoons that receive wastewater from the plant. The methane gas that is generated by the anaerobic lagoons is recovered and combusted in three of the boilers located at National Beef's Liberal plant. This presentation will discuss the design and construction of the lagoon covers, the quantity of methane gas generated by the anaerobic lagoons, and the environmental benefits of this project.  <i>Bud Ludwig, National Beef</i></p> <p><b>How to Conduct a Hazardous Waste Determination – Pioneer Room</b>  Making an appropriate hazardous waste determination is a critical part of your business operations. Failure to properly determine if your waste is a hazardous waste can lead to significant problems down the road. This session will cover the basics of making a hazardous waste determination and attempt to answer any questions you may have on the process.  <i>Jim Rudeen, KDHE Bureau of Waste Management</i></p> <p><b>Air Compliance and Enforcement Issues – Shawnee A Room</b>  This session will present information related to preparing for and surviving an air quality compliance inspection. A KDHE inspector will walk you through the air quality inspection process and information on maintaining required reports and documents and maintaining compliance. The session will also provide information on the various types of air quality control violations cited by KDHE, and discuss the enforcement action processes taken by KDHE related to notices of noncompliance, administrative orders, consent agreements, civil penalties, and supplemental environmental projects.  <i>Russ Brichacek, KDHE Bureau of Air and Radiation</i>  <i>David Butler, KDHE South Central District</i>  <i>Cheryl Evans, KDHE Bureau of Air and Radiation</i></p>
<p><b>2:10 – 3:10</b></p>	<p><b><u>Concurrent Sessions</u></b></p> <p><b>Emergency Response – River Room</b>  Overview of what help and assets state and federal agencies can respond with in an emergency that overwhelms the capabilities of local responders, such as, natural disasters, industrial and transportation accidents. WMD will be covered. Emphasis on environmental protection and public safety.  <i>Kent Schierkolk, KDHE Bureau of Environmental Remediation</i>  <i>Don Lininger, US EPA Region 7</i></p> <p><b>KC Regional By-Product Synergy Initiative – Bison Room</b>  By-Product synergy applies the principles of industrial ecology in which companies work together to match unwanted by-products as resources for new products and processes. This project focuses on turning one company's waste into another company's resources in the Kansas City region. The goal of this initiative is to help the region successfully bring neighboring industrial companies and organizations together to discover innovative ways to integrate their operations to cut pollution, reduce material costs and improve internal processes.  <i>Otavia Silva, Bridging the Gap</i></p>

**WRAPS – Why You Should Be Involved – Pioneer Room**

The Kansas Watershed Restoration and Protection Strategy (KS-WRAPS) is an initiative of the Kansas Water Plan. The objective of the strategy is to provide a means for watershed stakeholder leadership teams to develop and implement watershed management plans that address the broad spectrum of watershed management issues ranging from water quality protection/pollution control/TMDLs, drinking water, water recreation, wildlife habitat, flooding and resource management issues. This presentation will provide an overview of the KS-WRAPS initiative with a specific focus on how business and industry owners and managers can participate in WRAPS projects and the benefits they will garner from such participation.

*Don Snethen, KDHE Bureau of Water*

**E-Waste – Shawnee A Room**

What can industry, local government, and individuals do with all of their dead electronics? It is an alphabet soup of PDA, PC, TV, DVD, CD, VCR, GPS, MTM, BTB, RCRA, iPOD, CANUCIT? Get the latest international, national, and state update on E-Waste. Is there a recycling Santa Claus? Will you be able to beam your e-Scrap junk to a recycling center anytime soon? Why are the retailers now singing a different song than the manufacturers?

*Kent Foerster, KDHE Bureau of Waste Management*